

**Domestic and non-domestic storage furniture - Test methods for the determination of strength, durability and stability**

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## EESTI STANDARDI EESSÕNA

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See Eesti standard EVS-EN 16122:2012 sisaldab Euroopa standardi EN 16122:2012 ingliskeelset teksti.	This Estonian standard EVS-EN 16122:2012 consists of the English text of the European standard EN 16122:2012.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 18.07.2012.	Date of Availability of the European standard is 18.07.2012.
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ICS 97.140

English Version

## Domestic and non-domestic storage furniture - Test methods for the determination of strength, durability and stability

Meubles de rangement à usage domestique et collectif -  
Méthode d'essai pour la détermination de la résistance, la  
durabilité et la stabilité

Behältnismöbel für den Wohn- und Nicht-Wohnbereich -  
Prüfverfahren zur Bestimmung der Festigkeit,  
Dauerhaltbarkeit und Standsicherheit

This European Standard was approved by CEN on 9 June 2012.

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## Foreword

This document (EN 16122:2012) has been prepared by Technical Committee CEN/TC 207 "Furniture", the secretariat of which is held by UNI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2013, and conflicting national standards shall be withdrawn at the latest by January 2013.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

According to the CEN/CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## 1 Scope

This European Standard specifies tests methods for the determination of strength, durability and stability for all types of domestic and non-domestic storage furniture including domestic kitchen furniture.

It does not apply to office, industrial, catering equipment and retail storage, nor to industrial storage lockers.

Strength and durability tests do not assess the structure of the building (for example the strength of wall hanging cabinets); rather, they include only the cabinets and the parts used for attachment. The wall and the wall attachments are not included.

Requirements for safety, strength and durability can be found in other European Standards.

Assessment of the effects of ageing, degradation and flammability is not included.

Annex A (normative) contains details of test equipment for the slam open/shut testing of extension elements.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 7619-2:2010, *Rubber, vulcanized or thermoplastic — Determination of indentation hardness — Part 2: IRHD pocket meter method*

## 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

### 3.1

#### **catch device**

device which keeps or pulls a component in place but does not require a second action in order to release it

EXAMPLE A magnetic catch or a self-closing-mechanism.

### 3.2

#### **clear height**

unobstructed height above the top of the bottom surface, or the structure of the unit

Note 1 to entry: For example, the top of the extension element below and the lower edge of the extension element above. See Figure 1.